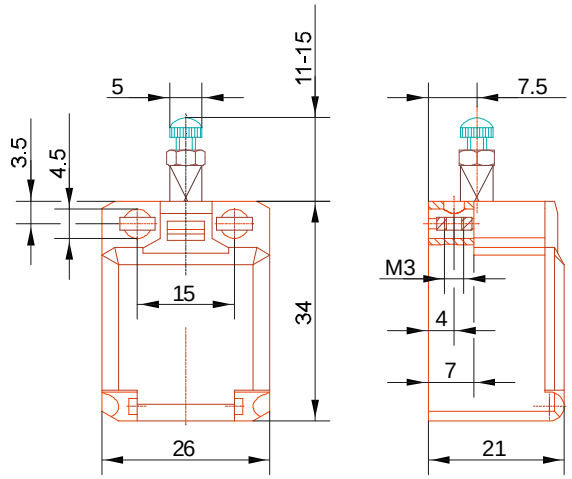
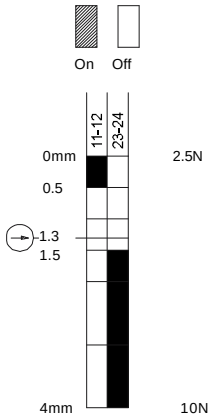
Bernstein AG
Tieloser Weg 6
D - 32457 Porta Westfalica

Technical data sheet

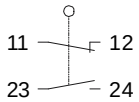
C2-U1Z St | 600.8104.025



Positive opening operation according to DIN EN 60947-5-1 IEC 947-5-1



switching diagram



switching symbol

Tolerance: operating point ±0.25mm; actuating force ±10%

Mechanical features	
Enclosure:	PBT, glass fibre reinforced
Cover:	PC, black
Actuator:	Adjusting screw adjustable; thread M3 with a lock nut
Ambient air temperature:	-30°C up to +80°C
Contact type:	1 NC-contact, 1 NO-contact (Zb)
Mechanical life:	3x10 ^{6} switch operations
Switch frequency:	max. 100/min
Mounting:	from the top 2xM4, from the front 2xM3
Connection type:	4 screw connections (M3.5)
Conductor cross-section:	single core 0.5-1.5mm² / litz wire with connector sleeve 0.5-1.5mm²
Cable entry size:	rectangle 8.5x3.5mm
Weight:	approx. 0,02kg
Electrical features	
Max. voltage:	250 V AC
Max. enduring current:	I th 10A
Max. inrush current:	according to IEC 947-5-1
Utilization categorie:	AC 15,A300 240V/3A, 120V/6A / DC 13,Q300 250V/0.27A, 125V/0.55A
Standards:	according to EN 60947-1; EN 60947-5-1
Protection class:	IP30 according to EN 60529; DIN VDE 0470 T1
CSA/UL:	10A 300V AC, A300
Short circuit protection:	Fuse 6A gL

Approach possibilities
The push bolt actuator is mainly intended to be actuated along it's axis.
Side actuation will considerably reduce switch life.

Remarks
The moving parts should be oiled periodically.

Schutzvermerk nach DIN 34 beachten
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